

Remarks

The specification has been amended to make editorial changes therein.

The Official Action objects to the form of claims 36-70 and rejects claims 39-40, 42, 49, 52, 56-58, and 60-62 under §112, second paragraph. These claims have been amended as to form and reconsideration and withdrawal of the objection and rejection are respectfully requested.

Claim 69 was rejected under 35 U.S.C. 101. This claim has been canceled and withdrawal of the rejection is respectfully requested.

Claims 36-70 were rejected as unpatentable over MARK et al. 2003/0118019 in view of PORTER et al. 2001/0033646. Reconsideration and withdrawal of the rejection are respectfully requested.

The Official Action indicates that the resource managers (NRMs) of the claims correspond to routers in the IP network disclosed in MARK et al. because controlling resources of a network is an inherent function of a router. However, this is not correct. A router routes packets, but does not control resources of a network. A conventional router has no knowledge of the resources available in a network and has no functionality to "control" the resources. Indeed, MARK et al. does not disclose an entity that acts as a resource manager to control the resources

of the network and does not cover resource based admission at all. PORTER et al. do not make up for this shortcoming, and thus the combination of MARK et al. and PORTER et al. does not make the invention of the present claims obvious.

PORTER et al. discloses one network resource manager, while the invention claimed includes communication between different network resource managers. The inter-network network resource manager communication of the present claims (exchanging resource requests, address mapping) is not disclosed or suggested by PORTER et al. alone or in combination with MARK et al.

Accordingly, the present claims avoid the rejection under §103.

In view of the present amendment and the foregoing remarks, it is believed that the present application has been placed in condition for allowance. Reconsideration and allowance are respectfully requested.

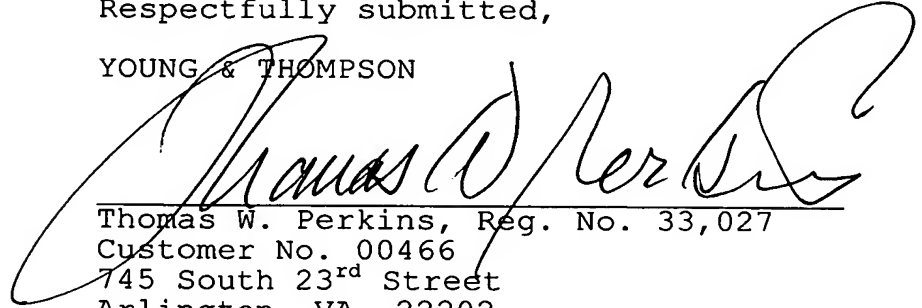
The Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment

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to Deposit Account No. 25-0120 for any additional fees required
under 37 C.F.R. § 1.16 or under 37 C.F.R. § 1.17.

Respectfully submitted,

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A large, stylized handwritten signature in black ink, appearing to read "Thomas W. Perkins". The signature is written over the printed name and address of the signatory.

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